

## SGCN and Habitat Stressors

### Level 1 Threat Transportation and Service Corridors

### Level 2 Threat: Utility and Service Lines

**Description:** Transport of energy & resources

**Species Associated With This Stressor:** **Total SGCN:** 1: 5 2: 3 3:

| Class     | <i>Amphibia</i> (Amphibians)  | SGCN Category                        |
|-----------|---|--------------------------------------|
| Species:  | <i>Ambystoma laterale</i> (Blue-spotted Salamander)   | 2                                    |
| Severity: | Moderate Severity   | Actionability: Moderately actionable |
| Notes:    | Loss of forest cover and degradation of wetland habitat quality   |                                      |
| Class     | <i>Aves</i> (Birds)   | SGCN Category                        |
| Species:  | <i>Falco peregrinus</i> (Peregrine Falcon)  | 1                                    |
| Severity: | Moderate Severity   | Actionability: Moderately actionable |
| Notes:    | Route powerlines and other wires away from eyeries to avoid collisions and electrocution hazards.   |                                      |
| Class     | <i>Bivalvia</i> (Marine And Freshwater Molluscs)  | SGCN Category                        |
| Species:  | <i>Alasmidonta varicosa</i> (Brook Floater)   | 1                                    |
| Severity: | Moderate Severity   | Actionability: Moderately actionable |
| Notes:    | In riparian zone where forest canopy is lost or degraded; in stream corridor where utility crossing impacts stream bed  |                                      |
| Species:  | <i>Leptodea ochracea</i> (Tidewater Mucket)   | 1                                    |
| Severity: | Moderate Severity   | Actionability: Moderately actionable |
| Notes:    | In riparian zone where forest canopy is lost or degraded; in stream corridor where utility crossing impacts stream bed  |                                      |
| Species:  | <i>Lampsilis cariosa</i> (Yellow Lampmussel)  | 1                                    |
| Severity: | Moderate Severity   | Actionability: Moderately actionable |
| Notes:    | In riparian zone where forest canopy is lost or degraded; in stream corridor where utility crossing impacts stream bed  |                                      |
| Class     | <i>Gastropoda</i> (Aquatic And Terrestrial Snails)  | SGCN Category                        |
| Species:  | <i>Vertigo paradoxa</i> (Mystery Vertigo)   | 2                                    |
| Severity: | Moderate Severity   | Actionability: Moderately actionable |
| Notes:    | Development around the few small base-rich outcrops where this snail occurs in dense colonies could extirpate local populations   |                                      |
| Class     | <i>Insecta</i> (Insects)  | SGCN Category                        |
| Species:  | <i>Callophrys gryneus</i> (Juniper Hairstreak)  | 2                                    |
| Severity: | Moderate Severity   | Actionability: Highly actionable     |
| Notes:    | The rare host plant, Juniperus virginiana, grows in ROWs but may require specialized husbandry practices for protection and regeneration  |                                      |
| Species:  | <i>Siphonisca aerodromia</i> (Tomah Mayfly)   | 1                                    |
| Severity: | Moderate Severity   | Actionability: Moderately actionable |
| Notes:    | In riparian zone where forest canopy is lost or degraded (e.g., clearing and maintenance of transmission lines, access); in stream corridor where utility crossing impacts stream bed |                                      |

### Habitats Associated With This Stressor:

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##### Macrogroup Agricultural

**Habitat System Name:** Pasture-Hay

**Notes:** Some agricultural uses are compatible with utility lines

##### Macrogroup Boreal Upland Forest

**Habitat System Name:** Acadian Low Elevation Spruce-Fir-Hardwood Forest

**Notes:** Some utility lines may provide early successional or shrub/scrub habitat

**Habitat System Name:** Acadian Sub-boreal Spruce Flat

**Notes:** Some utility lines may provide early successional or shrub/scrub habitat

**Habitat System Name:** Acadian-Appalachian Montane Spr-Fir-Hwd Forest

**Notes:** Some utility lines may provide early successional or shrub/scrub habitat

**Habitat System Name:** Boreal Jack Pine-Black Spruce Forest

**Notes:** Some utility lines may provide early successional or shrub/scrub habitat

##### Macrogroup Central Hardwood Swamp

**Habitat System Name:** North-Central Interior Wet Flatwoods

**Notes:** Powerlines also provide habitat for early successional species

##### Macrogroup Central Oak-Pine

**Habitat System Name:** Central Appalachian Dry Oak-Pine Forest

**Notes:** Powerlines also provide habitat for early successional species

**Habitat System Name:** Central Appalachian Pine-Oak Rocky Woodland

**Notes:** Powerlines also provide habitat for early successional species

**Habitat System Name:** North Atlantic Coastal Plain Hardwood Forest

**Notes:** Powerlines also provide habitat for early successional species

**Habitat System Name:** North Atlantic Coastal Plain Maritime Forest

**Notes:** Powerlines also provide habitat for early successional species

**Habitat System Name:** Northeastern Interior Pine Barrens

**Notes:** Powerlines also provide habitat for early successional species

##### Macrogroup Coastal Grassland & Shrubland

**Habitat System Name:** Northern Atlantic Coastal Plain Dune and Maritime Grassland

**Notes:** Powerlines, pipelines etc.; may be managed to provide early successional habitat values

**Habitat System Name:** Northern Atlantic Coastal Plain Sandy Beach

**Notes:** Powerlines, pipelines etc.; may be managed to provide early successional habitat values

##### Macrogroup Coastal Plain Peat Swamp

**Habitat System Name:** North Atlantic Coastal Plain Basin Peat Swamp

**Notes:** Powerlines, pipelines etc likely to degrade and fragment this sensitive forest type

##### Macrogroup Emergent Marsh

**Habitat System Name:** Laurentian-Acadian Freshwater Marsh

**Notes:** Powerlines, pipelines etc.

##### Macrogroup Glade, Barren and Savanna

**Habitat System Name:** Central Appalachian Alkaline Glade and Woodland

**Notes:** Powerlines, pipelines etc. &nbsp;May provide early successional habitat

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##### Macrogroup Intertidal Tidal Marsh (peat-forming)

**Habitat System Name:** Acadian Coastal Salt Marsh

**Notes:** Impacts of powerlines etc. but also gas pipelines and possibility for spills

**Habitat System Name:** Coastal Plain Tidal Marsh

**Notes:** Impacts of powerlines etc. but also gas pipelines and possibility for spills

##### Macrogroup Northeastern Floodplain Forest

**Habitat System Name:** Laurentian-Acadian Floodplain Systems

**Notes:** Powerlines, pipelines etc.

##### Macrogroup Northern Hardwood & Conifer

**Habitat System Name:** Appalachian (Hemlock)-Northern Hardwood Forest

**Notes:** Powerlines, pipelines etc; some may provide early successional habitat

**Habitat System Name:** Laurentian-Acadian Northern Hardwoods Forest

**Notes:** Powerlines, pipelines etc; some may provide early successional habitat

**Habitat System Name:** Laurentian-Acadian Pine-Hemlock-Hardwood Forest

**Notes:** Powerlines, pipelines etc; some may provide early successional habitat

**Habitat System Name:** Laurentian-Acadian Red Oak-Northern Hardwood Forest

**Notes:** Powerlines, pipelines etc; some may provide early successional habitat

**Habitat System Name:** Northeastern Coastal and Interior Pine-Oak Forest

**Notes:** Powerlines, pipelines etc; some may provide early successional habitat

##### Macrogroup Northern Peatland & Fens

**Habitat System Name:** Acadian Maritime Bog

**Notes:** Powerlines, pipelines etc; some may provide early successional habitat

**Habitat System Name:** Boreal-Laurentian Bog

**Notes:** Powerlines, pipelines etc; some may provide early successional habitat

**Habitat System Name:** Boreal-Laurentian-Acadian Acidic Basin Fen

**Notes:** Powerlines, pipelines etc; some may provide early successional habitat

**Habitat System Name:** Laurentian-Acadian Alkaline Fen

**Notes:** Powerlines, pipelines etc; some may provide early successional habitat

**Habitat System Name:** North-Central Interior and Appalachian Acidic Peatland

**Notes:** Powerlines, pipelines etc; some may provide early successional habitat

##### Macrogroup Northern Swamp

**Habitat System Name:** Acadian-Appalachian Conifer Seepage Forest

**Notes:** Powerlines, pipelines etc.

**Habitat System Name:** Laurentian-Acadian Alkaline Conifer-Hardwood Swamp

**Notes:** Powerlines, pipelines etc.

**Habitat System Name:** North-Central Appalachian Acidic Swamp

**Notes:** Powerlines, pipelines etc.

**Habitat System Name:** North-Central Interior and Appalachian Rich Swamp

**Notes:** Powerlines, pipelines etc.

**Habitat System Name:** Northern Appalachian-Acadian Conifer-Hardwood Acidic Swamp

**Notes:** Powerlines, pipelines etc.

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**Macrogroup** Outcrop & Summit Scrub

**Habitat System Name:** Laurentian-Acadian Calcareous Rocky Outcrop

**Notes:** Powerlines, pipelines etc.

**Habitat System Name:** Northern Appalachian-Acadian Rocky Heath Outcrop

**Notes:** Powerlines, pipelines etc.

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**Macrogroup** Wet Meadow-Shrub Marsh

**Habitat System Name:** Introduced Wetland and Riparian Vegetation

**Notes:** Powerlines, pipelines etc.

**Habitat System Name:** Laurentian-Acadian Wet Meadow-Shrub Swamp

**Notes:** Powerlines, pipelines etc.

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*The Wildlife Action Plan was developed through a lengthy participatory process with state agencies, targeted conservation partners, and the general public. The Plan is non-regulatory. The species, stressors, and voluntary conservation actions identified in the Plan complement, but do not replace, existing work programs and priorities by state agencies and partners.*